

What is claimed is:

1. A method for treating fluid body waste material, comprising the steps of:
 - 5 pumping fluid waste material from a storage facility to a distribution chamber;
 - 10 delivering said material over a first vibrating screen, to partially separate solids from liquids;
 - 15 discharging retained material on said first screen to a storage container;
 - 20 discharging partially cleansed liquid through said first screen into a holding tank;
 - pumping liquid from said holding tank to at least one cyclone separator;
 - discharging a first stream from said cyclone separator, containing larger particles on to a second vibrating screen, to further separate solids from liquids, and delivering a second stream from said cyclone separator, comprising substantially cleansed liquid, to a trough;
 - 25 discharging a first stream of liquid from said trough to said holding tank, to form a loop treatment cycle; and
 - discharging a second stream of liquid from said trough back to said storage facility.
2. A method as claimed in claim 1, wherein said second stream from said trough is less than said first stream.
3. A method as claimed in claim 1 including pumping liquid from said holding tank to a manifold and feeding said material from said manifold to said at least one cyclone separator.

4. A method as claimed in claim 3, including feeding said material from said manifold to a plurality of cyclone separators.
5. A method as claimed in claim 4, including spraying a portion of said liquid in said manifold into said distribution chamber.
- 5 6. A method as claimed in claim 3, including controlling the flow of liquid from said manifold to said at least one cyclone separator.
7. A method as claimed in claim 1, including controlling the flow of liquid from said trough to said storage facility.
8. A method as claimed in claim 1, including controlling the 10 pumping of said waste material from said storage facility to said distribution chamber.
9. A method as claimed in claim 3, including by-passing a portion of liquid pumped from said holding tank to said manifold back to said holding tank to agitate contents of said holding tank.
- 15 10. A method as claimed in claim 1, including feeding material pumped from said storage facility to a first vibrating weir plate prior to delivery to said first vibrating screen.
11. A method as claimed in claim 1, including discharging said first stream from said cyclone prior to discharging said stream on to said second 20 vibrating screen.

12. A method as claimed in claim 1, wherein at least one of said vibrating screens is inclined.

13. A method as claimed in claim 12, wherein said vibrating screens are inclined at an angle of between $+5^{\circ}$ and -5° .

5 14. A method as claimed in claim 13, wherein said vibrating screens are inclined at an angle of -3° .

15. A method as claimed in claim 1, wherein said first vibrating screen has a mesh size from 10 to 300 and said second vibrating screen has a mesh size from 11 to 400, the mesh size of said second vibrating screen 10 being finer than the mesh size of said first vibrating screen.

16. A method as claimed in claim 15, wherein said first vibrating screen has a mesh size from 50 to 200 and said second vibrating screen has a mesh size from 100 to 400.

17. A method as claimed in claim 16, wherein said first vibrating screen has a mesh size of 75 and said second vibrating screen has a mesh size of 90.

18. A method as claimed in claim 1, including agitating the waste material in said storage facility.

19. Apparatus for treating fluid body waste material, comprising:
20 a submersible pump for pumping waste material from a storage material;

25 a distribution chamber;
a hose for connecting said pump to said distribution chamber;
a first vibrating screen;
an outlet in said distribution chamber for delivery of said waste
5 material on to said first vibrating screen;
a discharge outlet from said first vibrating screen for discharge
of retained solids;
a holding tank for reception of partially cleansed water passing
through said first vibrating screen;
10 at least one cyclone separator;
a pump for pumping liquid from said holding tank to said at least
one cyclone separator;
a second vibrating screen;
a first outlet in said at least one cyclone separator for discharge
15 of a first stream containing larger particles on to said second inclined vibrating
screen;
a trough;
a second outlet in said at least one cyclone separator for
delivery of a second stream comprising substantially clean liquid to said
20 trough;
a first outlet in said trough for discharge of a first stream from
said trough to said holding tank; and
a second outlet in said trough for delivery of a second stream
from said trough to said storage facility.
25 20. Apparatus as claimed in claim 19, wherein at least one of said
vibrating screens is inclined.